

AMENDMENTS TO THE SPECIFICATION

Please add the following paragraphs before the first paragraph on page 1 of the specification:

BACKGROUND OF THE INVENTION

1. Field of the Invention

Please add the following paragraph after the first paragraph on page 1, lines 6 to 8 of the specification:

2. Description of Related Art

Please add the following paragraph before second full paragraph appearing on page 4, lines 5 to 16 of the specification:

SUMMARY OF THE INVENTION

Please add the following paragraphs before first full paragraph appearing on page 6, lines 4 to 5 of the specification:

BRIEF DESCRIPTION OF THE DRAWINGS

Various other aspects, features and attendant advantages of exemplary embodiments of the present invention will become fully appreciated as the same become better understood when considered in conjunction with the accompanying detailed description, the appended claims, and an accompanying drawing, in which:

Fig. 1 shows a method of reserving resource in a packet communication method according to an exemplary embodiment of the present invention.

DETAILED DESCRIPTION OF EXEMPLARY EMBODIMENTS

Please add the following paragraph before last full paragraph appearing on page 10, lines 32 to 35 of the specification:

Fig. 1 depicts a method of reserving resources in a packet communication network according to an exemplary embodiment of the present invention. In operation 101, an RSVP packet is formed in a source, as described above. In operation 102, the RSVP packet is transmitted to a node based on, for example, a routing table provided at the source. That is, as explained above, in an exemplary embodiment, each node may have a routing table for active nodes and a routing table for passive nodes. In operation 103, it is determined whether the node that received the RSVP packet is an active node or a passive node. If it is determined that the node is passive, then the RSVP packet is transmitted to the next node in operation 106. On the other hand, if the node is active, the node checks if the RSVP packet includes executable code, in operation 104. If the executable code is provided in the RSVP packet, the node installs the execution code and reserves resources of the node based on the RSVP packet information, in operation 105. If, however, the RSVP packet does not have the executable code, the node loads the executable code from a remote location as designated in the RSVP packet, in operation 107. The confirmation is then sent to the node when all the executable code has been provided in operation 108. The node then installs the executable code and reserves the necessary resources as indicated in the RSVP packet information, in operation 105. The RSVP packet is then transmitted to the next node, in operation 106 and the process is repeated from operation 103.

Please delete the present Abstract of the Disclosure.

Please add the following new Abstract of the Disclosure:

A method for reserving resources in a packet communication network, preferably an IP protocol network. The method includes sending an active packet containing a request for reservation of resources for an active data flow, receiving the packet by an active node in the network, and reserving resources of the node according to the request. In this method, an active packet communication network node, in particular an IP active router, reserves resources for processing data of an active data flow according to a resource reservation request for this active data flow contained in this active packet received by the node.